

In the claims:

1. (currently amended) A first ~~An~~ access point capable of communicating in a wireless communications network via a radio frequency channel, comprising:

logic for obtaining data indicative of distance to a mobile terminal device that is associated with the first access point on the radio frequency channel;

logic for detecting that a second access point is ~~one or more other access points~~ are also using the radio frequency channel; and

logic ~~responsive to the logic for detecting~~ for adjusting transmit power as a function of distance to the second access point and distance to the mobile terminal device such that:

_____ if the second access point is nearer to the first access point than the mobile terminal device, setting transmit power based on distance to the mobile terminal device; and

_____ if the second access point is not nearer to the first access point than the mobile terminal device, setting transmit power based on distance to the second access point.

2. (currently amended) The apparatus of claim 1 wherein the logic for detecting further comprises: logic for receiving at least one message ~~messages~~ from the second access point ~~one or more other access points~~; logic for maintaining a table including indications of ~~the~~ transmit power attenuation levels of the second access point ~~respective one or more other access points~~; and wherein the logic for adjusting transmit power does so in response to the indications in the table.

3. (currently amended) The apparatus of claim 2 further comprising: logic for transmitting a

power backoff level ~~to other wireless devices in the network~~, the power backoff level indicative of the amount by which the first access point's transmit power has been adjusted.

4. (original) The apparatus of claim 3 wherein the wireless communications network is an 802.11 wireless network.

5. (new) The apparatus of claim 1 further including logic for increasing transmit power in response to detecting that the mobile terminal device is in motion.